Practice worksheet | Algebraic expressions and formulas

Substituting into expressions/formulas

Name: _____ Date: _____

6 questions | 11 marks

1. Evaluate $4x + 3$ for $x = 5$. [1 mark]

2. Evaluate $7a - 2$ for $a = 4$. [1 mark]

3. Evaluate $b^2 + 2b$ for $b = 6$. [2 marks]

4. Evaluate $3(p + 4)$ for $p = 7$. [2 marks]

5. A museum charges $C = 4n + 6$ dollars for n children. Find the cost for 7 children. [2 marks]

6. A rectangle is 9 cm long and 4 cm wide. Use $A = lw$ and $P = 2(l + w)$ to find its area and perimeter. [3 marks]